Map Symbol	Map Unit Name	Nontechnical Descriptions
Ac	ACY SILT LOAM	This nearly level, somewhat poorly drained soil is in broad areas on terraces. It formed in loess or loesslike material and is loamy throughout. The soil has a surface layer that is acid or neutral in reaction and a subsoil that is alkaline. Natural fertility is low or medium. Surface runoff is slow. Water and air move moderately slowly through the soil. A seasonal high water table is about 1.5 to 2.5 or 3.0 feet below the surface during December through April. The shrink-swell potential is moderate in the subsoil. Slopes are less than 1 percent.
BA	BARBARY ASSOCIATION	This soil is level and very poorly drained. It is a very fluid mineral soil in swamps. This soil is ponded and flooded most of the time. Typically, the soil has a muck surface layer and a gray, very fluid clay underlying material. This soil has low strength. The total subsidence potential is medium. If the soil is drained, it can have a very high shrink-swell potential.
CV	CONVENT SOILS, FREQUENTLY FLOODED	These alluvial soils are unprotected by levees and are subject to frequent flooding, scouring, and deposition. The surface layer can change in texture with each flood event. The underlying material is loamy throughout. Natural fertility is high. Permeability is moderate or moderately slow. The soil has a seasonal high water table during the winter and spring.
Ca	CALHOUN SILT LOAM	This nearly level, poorly drained soil is on broad flats and in narrow depressional areas on the terrace uplands. It has silt loam surface and subsurface layers and a silty clay loam subsoil. Natural fertility is low to medium. Runoff is slow or very slow, and water stands in low places for long periods after rains. Water and air move slowly through the soil. A seasonal high water table ranges from near the surface to about 2 feet below the surface during December through April. The shrink-swell potential is moderate in the subsoil. Slopes are mainly less than 1 percent.
Cm	COMMERCE SILT LOAM	This nearly level, somewhat poorly drained soil is on alluvial plains. It is loamy throughout and has high fertility. Runoff is slow, and water and air move moderately slowly through the soil. A seasonal high water table is about 1.5 to 4 feet below the surface during December through April. The shrink-swell potential is moderate. Slopes range from 0 to 2 percent.
Co	COMMERCE SILTY CLAY LOAM	This nearly level, somewhat poorly drained soil is on alluvial plains. It is loamy throughout and has high fertility. Runoff is slow, and water and air move moderately slowly through the soil. A seasonal high water table is about 1.5 to 4 feet below the surface during December through April. The shrink-swell potential is moderate. Slopes range from 0 to 2 percent.

Map Symbol	Map Unit Name	Nontechnical Descriptions
Cs	CONVENT SILT LOAM	This gently undulating, somewhat poorly drained soil is on low, parallel ridges and swales on the natural levees of major streams. It is loamy throughout and has high fertility. The soil is subject to rare flooding during unusually wet periods. Permeability is moderate. Water stands in low places for long periods after heavy rains. The soil has a seasonal high water table for long periods in winter and spring.
Dp	DEERFORD-PATOUTVILLE COMPLEX	These nearly level, somewhat poorly drained soils are on terraces. They are loamy throughout and have a seasonal high water table during the winter and spring. Natural fertility is low. The Deerford soil in this complex has a high content of sodium in the subsoil. Runoff is slow to medium. Permeability is slow.
Dv	DEERFORD-VERDUN COMPLEX	These nearly level or very gently sloping, somewhat poorly drained soils are in an intricate pattern on the landscape. Both soils are loamy throughout. They have a high content of sodium in the subsoil that restricts plant roots. Natural fertility is low. Runoff is slow, and water and air move slowly or very slowly through the subsoil. Both soils have a seasonal high water table for long periods during December through April. The soils have a moderate shrink-swell potential in the subsoil.
Es	ESSEN SILT LOAM	This nearly level, somewhat poorly drained soil is in broad areas on terraces. It formed in loess or loesslike material and is loamy throughout. The soil has a surface layer that is acid or neutral in reaction and a subsoil that is alkaline. Natural fertility is low or medium. Surface runoff is slow. Water and air move moderately slowly through the soil. A seasonal high water table is about 1.5 to 2.5 or 3.0 feet below the surface during December through April. The shrink-swell potential is moderate in the subsoil. Slopes are less than 1 percent.
FA	FAUSSE ASSOCIATION	These level, very poorly drained soils are in low, depressional areas on the alluvial plain. They formed in alluvium and are clayey throughout their profiles. These soils are ponded or flooded most of the time. Water and air move very slowly through the soils. The soils have high fertility. The shrink-swell potential is very high, but the soils seldom dry enough to shrink and crack. Slopes are less than 1 percent.
FG	FAUSSE-GALVEZ ASSOCIATION	These level and nearly level soils are in backswamps of alluvial plains. They are subject to frequent flooding. The Fausse soil is very poorly drained and is ponded most of the time. It has a mucky surface layer and a clayey subsoil and substratum. The Glavez soil in this map unit is somewhat poorly drained. It is loamy throughout the profile. Both soils have a seasonal water table. Natural fertility is medium or high.

Map Symbol	Map Unit Name	Nontechnical Descriptions
Fo	FOLEY-DEERFORD COMPLEX	These level, poorly drained Foley soils and somewhat poorly drained Deerford soils are on terraces. They are loamy throughout the profile and have a high content of sodium in the subsoil. Permeability is slow. Both soils have as seasonal high water talbe during the winter and spring. Natural fertility is low. Surface runoff is slow.
Fr	FROST SILT LOAM	This nearly level, poorly drained soil is on broad flats on the terrace uplands. It formed in loess and is loamy throughout the profile. Soil reaction is quite acid in the upper 20 inches of the profile. Natural fertility is medium. Water runs slowly off the soil surface, and it moves slowly through the soil. A seasonal high water table ranges from near the soil surface to about 1.5 feet below the surface. The shrink-swell potential is moderate in the subsoil. Slopes are less than 1 percent.
Ga	GALVEZ SILT LOAM	This soil is level and somewhat poorly drained. It is on natural levees on alluvial plains. The soil is loamy throughout. It has a seasonal high water table in winter and spring. Natural fertility is medium.
Gb	GALVEZ SILTY CLAY LOAM	This soil is level and somewhat poorly drained. It is on natural levees on alluvial plains. The soil is loamy throughout. It has a seasonal high water table in winter and spring. Natural fertility is medium.
Je	JEANERETTE SILT LOAM	This nearly level, poorly drained soil is on broad flats on the terrace uplands. It formed in loess and is loamy throughout the profile. Soil reaction is quite acid in the upper 20 inches of the profile. Natural fertility is medium. Water runs slowly off the soil surface, and it moves slowly through the soil. A seasonal high water table ranges from near the soil surface to about 1.5 feet below the surface. The shrink-swell potential is moderate in the subsoil. Slopes are less than 1 percent.
MeE	MEMPHIS COMPLEX, 5 TO 30 PERCENT SLOPES	This complex of strongly sloping to steep soils is on uplands on the escarpment adjacent to the alluvial plain. About 60 percent of the complex is the well drained Memphis soil, and 25 percent is poorly drained soils in ravine bottoms and on foot slopes. The Memphis soils are loamy throughout. Natural fertility is medium. Surface runoff is medium to rapid. The poorly drained soils have a seasonal high water table during the winter and spring, and some areas are subject to flooding.
Ov	OLIVIER SILT LOAM	This nearly level, somewhat poorly drained soil is on low ridges and knolls on the terrace uplands. It is loamy throughout, and it has a fragipan in the subsoil that restricts water movement and plant root penetration. Natural fertility is low or medium. Runoff is slow or medium. A seasonal high water table is perched on the fragipan during the winter and spring. Slopes range from 0.5 to 2 percent.

Map Symbol	Map Unit Name	Nontechnical Descriptions
Sa	SHARKEY SILTY CLAY LOAM	This level or nearly level, poorly drained soil is on flood plains. The surface layer is loamy and the subsoil is clayey. Cracks form during dry periods, and they seal over during wet periods. Natural fertility is high. Runoff is slow. A seasonal high water table is within 2 feet of the soil surface during December to April. Flooding is rare. The soil dries slowly once wetted. The shrink-swell potential is high or very high in the subsoil. Slopes are less than 1 percent.
Sc	SHARKEY CLAY	This nearly level, poorly drained, soil is on broad flats on the alluvial plain. It is clayey throughout. Natural fertility is medium or high. Runoff is slow or very slow. Water and air move very slowly through the soil. The shrink-swell potential is high or very high. A seasonal high water table is within 2 feet of the soil surface during December through April. Flooding is rare, but it can occur during unusually wet periods. Slopes are less than 1 percent.
Sf	SHARKEY CLAY, FREQUENTLY FLOODED	This level, poorly drained or somewhat poorly drained soil is at low elevations on the alluvial plain. It is flooded frequently for very long periods. This soil is clayey throughout or it has a loamy surface layer and a clayey subsoil. Natural fertility is high. Surface runoff is very slow. Water and air move very slowly through the soil. The seasonal high water table is near the soil surface. This soil has a very high shrink-swell potential. Slopes are less than 1 percent.
Tu	TUNICA CLAY	This level, poorly drained, clayey soil is on the flood plain of the Mississippi River. It has a clay surface layer and subsoil and a silty clay loam underlying material. The surface layer is very sticky when wet and has poor tilth. Cracks form in dry periods and seal over in wet periods. Natural fertility is high. This soil is wet for long periods in winter and spring. Flooding is rare, but it can occur during unusually wet periods. The shrink-swell potential is high in the subsoil.
Va	VACHERIE SILT LOAM	This level, somewhat poorly drained soil is on intermediate positions on the natural levees of the Mississippi River and its distributaries. It is on areas where natural levees have been breached by former floods. The surface layer and subsoil are loamy, and the underlying material is clayey. Natural fertility is high. Permeability is moderate in the loamy subsoil and very slow in the clayey underlying material. This soil has a seasonal high water table during the winter and spring.